Propositions

These propositions belong to the PhD thesis entitled

Long-term effects of dietary lipid structure in early life

Studies in experimental models

1. Feeding a diet which mimics the intricate lipid structure of human milk in early life delays, but does not prevent, high-fat diet-induced body weight and fat mass gain in later life. -*This thesis*

2. Researchers who use experimental models of human obesity should test whether their treatment protects the model from a fattening diet or that it makes the model incapable of adequately responding to that diet. -*This thesis*

3. The size and coating of dietary lipid droplets in an early life diet affect the capacity to oxidize substrates such as fats in liver tissue. -*This thesis*

4. Early life nutrition can modify postabsorptive lipid handling in later life. -*This thesis*

5. The composition of infant formulae has continued to be an area of research and innovation, to increase 'functional humanization'. -*This thesis*

6. Distinct subpopulations within cohorts of "Black 6" mice can be responsible for profound data heterogeneity in preclinical studies. -*This thesis*

7. An internally consistent "parallel universe" of knowledge is growing at an alarming rate and should be urgently made visible to a critical reader by obligatory use of unambiguous animal strain identifiers in publications and databases.
   -*Alexander Kraev 2014, Parallel universes of Black Six biology*

8. Sometimes it only takes one suggestion to turn poorly understood data into a whole new manuscript. -*This thesis*

9. Often it takes a single-minded individual to sail successfully against the prevailing winds. -*Gillman et al. 2013, Appreciating David Barker (1938-2013)*

10. From now on, it is our task to suspect each and every one amongst us. Forewarned is forearmed. Take no risks and be alert to danger.
    -*Agatha Christie, And Then There Were None*

Groningen, 29 April 2020, Onne Ronda